

SCOPE OF WORKS

DCMR BOREHOLE TANKS UPGRADES AND SERVICE

OVERVIEW

Client:

The United States Government (USG), Department of State (DOS), has a requirement to undertake comprehensive cleaning of Borehole tanks and servicing work.

Location/Contacts: DCMR

COTR (Contracting officer technical representative): Ruheni Peter C +254 0713600838 for the purpose of quality control, operational facilitation, technical review, project monitoring and evaluation.

OBJECTIVE

Requirements in this SOW serve as a direction to the Contractor undertaking servicing and upgrade work on the borehole water storage tank. The Contractor shall perform all services in accordance with local and international safety and construction standards as generally applicable to accepted professional practices with keen eye on the confined spaces work safety. The work shall be undertaken according to the listed specifications. No variations /deviations will be implemented without prior approval from contracting officer (CO). Any foreseeable element likely to warrant cost adjustments must be discussed at the point of quotation.

TIME FRAME

Upon receipt of the order, the contractor shall be expected to submit: Safety plan, work plan/Work break down, resource allocation (tools, labor, materials, equipment...), time schedule (Gantt Chart), through the COTR within 5 days, commence work within 7 days and must undertake the work as per the agreed upon schedule.

APPLICABLE STANDARDS

1. Local Building codes: the local government (adoptive by-laws)
(Building) order 1968
2. Local Safety regulations: OSHA 2007 (safety compliance)
3. Nairobi city Council by laws (operational compliance)
4. NEMA by-laws (in safe disposal of waste)
5. US safety regulations: US Army corps of Engineers

SPECIAL REQUIREMENTS

Access into the USG premises is at the discretion of the Regional Security office and therefore approval must be obtained at least 24hours before date entry. Work must be done under escort of the appropriate clearance level as applicable in the space concerned.

SCOPE OF WORK

1	Undertake pre-construction survey work, mobilize site with adherence to safety, occupant's convenience and quality of work, and make good the site upon completion. Note that cleaning and paint work is subject to confined space risk management as per US government policy and therefore proper precaution and documentation is required.	1 Each	
2	Supply of 6 pcs 4" class B GI Galvanized pipe including elbows, unions, tee and associated fittings and replace the existing. Allow for proper anchoring of the pipes on the walls and other applicable structures.	18 Lm	
3	Supply and install 4" Butterfly valve fabricated and fitted with chain based winch for aided opening and closing	1 Each	
4	Carry out surface preparation, sanding and application of external paint on the outside surface of the tank including support and pipe structures. Primer and two coats of silver/aluminum gloss paint shall be applied	200 sqm	
5	Drain the overhead tank, undertake thorough cleaning and allow drying for paint work to be done on the internal surfaces of the tank.	1 Each	
6	Undertake Surface preparation and sanding plus application of BASF Master Protect 180(or equivalent high quality water proofing product) on the internal surfaces of the tank. Provide product catalogue and MSDS	180 sqm	
7	Undertake repair work on associated feature of the tanks including: lid, lid hinges and fasteners, joint bolt work, ladder, bracings	1 Each	

WORKMANSHIP STANDARDS

The CONTRACTOR confirms that he is an expert in this field of work and is fully knowledgeable and experienced in all aspects of procedures, methods, regulations, codes and municipal requirements and the CONTRACTOR further acknowledges that the OWNER is relying on this expertise.

Care shall be taken to ensure that the base surfaces are properly prepared and that the materials are used correctly.

General requirements

1. All work is to comply with the local building regulations.
2. The contractor will rectify any damage to all areas on completion of the works.
3. The contractor shall supply all materials and labour in order to complete the works.
4. All waste material to be taken from site and disposed of by the contractor.
5. Site is to remain tidy at all times and cleaned up on completion of works.
7. All Documentation regarding warranties, guarantees and instructional literature are to be handed to your COR.
9. Any variations are to be priced and approved in writing by CO before proceeding with the work.
10. All measurements are to be confirmed by the contractor on site.
11. Work is expected to happen during the weekend due to the nature of office operations and therefore work program must factor the aspect sufficiently

NOTE: *Any damage caused by the Contractor or his contractors is to be made good at the Contractor's expense.*